

B. AMENDMENTS TO THE CLAIMS:

1. (Cancelled).
2. (Currently amended) The zeolite ~~or molecular sieve~~ of Claim [1] 25 wherein said zeolite ~~or molecular sieve~~ has pores which have an average pore diameter greater than 100 Angstroms.
3. (Currently amended) The zeolite ~~or molecular sieve~~ of Claim[1] 25 wherein said zeolite ~~or molecular sieve~~ has a pore volume greater than 0.7 cm³/g.
4. (Currently amended) The zeolite ~~or molecular sieve~~ of claim [1] 25 wherein silica and alumina are present in a silica to alumina molar ratio of at least 6:1.
5. (Cancelled).
6. (Cancelled).
7. (Currently amended). The zeolite of claim ~~6~~ 4 wherein the silica to alumina molar ratio is at least 15:1.
8. (Withdrawn) A process for converting a chemical, comprising:
effecting said conversion in the presence of a catalyst comprising the zeolite or molecular sieve of claim 1.
9. (Withdrawn) The process of claim 8 wherein the conversion is an aromatic alkylation.
10. (Withdrawn) The process of claim 9 wherein the zeolite is selected from the group consisting of zeolite beta, MCM-22 and PSH-3.
11. (Withdrawn) The process of claim 8 wherein the conversion is hydroisomerization.

12. (Withdrawn) The process of claim 8 wherein the conversion is hydrocracking.
13. (Withdrawn) The process of claim 8 wherein the conversion is the removal of nitrogen oxide.
14. (Withdrawn) The process of claim 8 wherein the zeolite is the zeolite of claim 2.
15. (Withdrawn) The process of claim 8 wherein the zeolite is the zeolite of claim 3.
16. (Withdrawn) The process of claim 8 wherein the zeolite is the zeolite of claim 4.
17. (Withdrawn) The process of claim 8 wherein the zeolite is the zeolite of claim 5.
18. (Withdrawn) In a process for producing a zeolite or molecular sieve wherein said process includes removal of an organic templating agent, the improvement comprising:
removing said templating agent at a temperature of no greater than 550°C and under conditions wherein after the removal of the templating agent, said zeolite or molecular sieve has an AAI of at least 1.0.
19. (Withdrawn) The process of claim 18 wherein at least 50% of the templating agent is removed.
20. (Withdrawn) The process of claim 19 wherein the zeolite is selected from the group consisting of beta, TEA-mordenite, TEA-ZSM-12, MCM-22, PSH-3, ZSM-5, TPA-5, Breck 6.

21. (Withdrawn) The process of claim 19 wherein the heating is in a bed in which heating is controlled to prevent a temperature variation in the bed of more than 25°C from the average bed temperature.
22. (Withdrawn) The process of claim 21 wherein the heating rate is less than 10°C/min.
23. (Withdrawn) The process of Claim 18 wherein after removal of the templating agent, said zeolite or molecular sieve has pores which have an average pore diameter of greater than 100 Angstroms.
24. (Withdrawn) The process of Claim 18 wherein after removal of the templating agent said zeolite or molecular sieve has a pore volume greater than 0.7 cm³/g.
25. (New) A zeolite having an AAI of at least 1.2, said zeolite having been prepared by a process including removal of a tetraethylammonium templating agent wherein said process comprises removing said templating agent at a temperature of no greater than 550°C and under conditions wherein after removal of the templating agent, said zeolite has an AAI of at least 1.2, wherein said zeolite is selected from the group consisting of zeolite Beta, TEA-mordenite, and TEA-ZSM-12.
26. (New) The zeolite of Claim 25 wherein said zeolite is zeolite Beta.
27. (New) The zeolite of Claim 25 wherein said zeolite is TEA-mordenite.
28. (New) The zeolite of Claim 25 wherein said zeolite is TEA-ZSM-12.